FORESTRY

THE JOURNAL OF THE INSTITUTE OF FORESTERS
OF GREAT BRITAIN

Edited by E. W. Jones and T. E. Edwardson

VOLUME 49

PUBLISHED BY THE
OXFORD UNIVERSITY PRESS
ELY HOUSE, W.1
1976

PAST PRESIDENTS

1926 to 1928	R. L. ROBINSON
1929 and 1930	JOHN D. SUTHERLAND
1931 and 1932	R. S. PEARSON
1933	W. DALLIMORE
1934 and 1935	SIR ALEXANDER RODGER
1936	SIR FRANCIS ACLAND
1937 and 1938	W. L. TAYLOR
1939 to 1944	W. A. ROBERTSON
1945 to 1947	W. H. GUILLEBAUD
1948 and 1949	O. J. SANGAR
1950 and 1951	H. M. STEVEN
1952 and 1953	A. H. GOSLING
1954 and 1955	W. E. HILEY
1956 and 1957	A. P. LONG
1958 and 1959	SIR HARRY CHAMPION
1960 and 1961	E. C. MOBBS
1962 to 1965	J. A. B. MACDONALD
1966 and 1967	J. MAXWELL MACDONALD
1968 and 1969	M. J. PENISTAN
1970 and 1971	J. R. GARFITT
1972 and 1973	J. D. MATTHEWS
1974 and 1975	G. E. GODWIN
1975 and 1976	JACK EVANS

THE COUNCIL. The affairs of the Institute are managed by a Council which shall consist of the President, Vice-President, Editor(s), all *ex officio*, together with twelve others, of whom four shall be Fellows, six Ordinary Members, and two Voting Associates. Office bearers and Councillors are elected by written nomination and postal vote.

LIST OF OFFICE BEARERS AND COUNCILLORS 1975–6

President: JACK EVANS, M.B.E., 14 Auldcastle Road, Inverness.

Vice-President: Dr. C. J. TAYLOR, M.B.E., 10 Cluny Gardens, Edinburgh 10.

Editors of Journal: Dr. E. W. JONES and T. E. EDWARDSON, M.A., Commonwealth Forestry Institute, Oxford, OX1 3RB.

Acting Hon. Secretary and Treasurer: Dr. C. J. TAYLOR, 6 Rutland Square, Edinburgh, EH1 2AU.

Auditors: THOMAS MCLINTOCH & CO., 33 Charlotte Square, Edinburgh.

Councillors: *Retire in 1977*: D. B. CRAWFORD, G. DARRAH, A. F. MACPHERSON, R. V. THORNTON (*Members*); M. A. ASHMOLE, S. E. SMITH (*Voting Associates*); *Retire in 1976*: J. GOODWIN, R. M. HARLEY, D. R. JOHNSTON, S. A. NEUSTEIN, R. C. STEELE (*Fellows*); M. J. M. BLISS, D. T. SEAL (*Members*).

© *Oxford University Press, 1976*

Printed in Great Britain at the University Press, Oxford
by Vivian Ridler, Printer to the University

CONTENTS

Number 1

Editorial 1

Development of Professionalism in British forestry. M. J. PENISTAN 3

Red Deer in the Highlands. D. M. B. YORKE 19

The Forests of East Anglia. E. G. WINTERFLOOD 23

Forestry in a Changing World. D. R. JOHNSTON 29

A Wood Famine? The Question of Deforestation in Old Regime France. DAVID BRUCE YOUNG 45

Analysis of Needle Fall as a Means of Assessing Nitrogen Status in Pine. H. G. MILLER and J. D. MILLER 57

Litter Production in Western Washington Douglas-Fir Stands. S. P. GESSEL and J. TURNER 63

The Detection of Viruses with Nematode Vectors in Six Woody Hosts. J. I. COOPER and J. B. SWEET 73

REVIEWS

Guide d'Aménagement et de Gestion. WILLIAM FINLAYSON 79

A. A. MOSLEM. Particleboard. R. A. PLUMPTRE 81

D. E. EARL. Forest Energy and Economic Development. PHILIP STEWART 82

DONN SMALL (Ed.). Explore the New Forest. E. W. JONES 84

B. BERNIER and C. H. WINGET (Eds.). Forest Soils and Forest Land Management. EVAN R. C. REYNOLDS 85

H. L. EDLIN. The Observer's Book of Trees. D. K. BARRETT 86

H. ITEM. Ein Modell für den Wasserhaushalt eines Laubwaldes. L. LEYTON 87

F. T. LEDIG (Ed.). Toward the Future Forest: Applying Physiology and Genetics to the Domestication of Trees. J. BURLEY 88

Number 2

Nature Conservation in Relation to a National Forest Policy. M. GANE 91

Blind Alleys and Open Prospects in Forest Economies. COLIN PRICE 99

The Bowmont Norway Spruce Thinning Experiment 1930–1974. G. J. HAMILTON 109

Growth of *Pinus contorta* at Different Water-Table Levels in Deep Blanket Peat. R. BOGGIE and H. G. MILLER 123

The Effects of Drainage and Ploughing of Surface Water Gleys on Rooting and Windthrow of Sitka Spruce in Northern Ireland. P. S. SAVILL 133

Effect of Pre-sowing Moist-chilling Treatments on Seedbed Emergence of Sitka Spruce Seed Infected by *Geniculodendron pyriforme*, Salt. A. G. GORDON, G. A. SALT, and R. M. BROWN 143

Effect of the Needle-cast Fungus *Lophodermella sulcigena* on Growth of Corsican Pine. C. P. MITCHELL, C. S. MILLAR, and M. N. HAWORTH 153

CONTENTS (*continued*)

REVIEWS

PETER SCHRÖDER. Foundation, Development, and Significance of Forestry in Tunisia and Algeria. PHILIP STEWART 159

K. J. SIMPFENDORFER. An Introduction to Trees for South-eastern Australia. T. E. EDWARDSON 161

F.A.O. An Introduction to Planning Forest Development. M. S. PHILIP 162

J. G. TORREY and D. T. CLARKSON (Eds.). The Development and Function of Roots. H. G. MILLER 163

DONALD and NORMA CHAPMAN. Fallow Deer. J. S. R. CHARD 164

J. W. WRIGHT. Introduction to Forest Genetics. R. H. KEMP 166

G. J. HAMILTON. Forest Mensuration Handbook. P. G. ADLARD 168

M. V. LAURIE. Tree Planting Practices in African Savannas. R. H. KEMP 169

GRAHAM SEARLE. Rush to Destruction—an Appraisal of the New Zealand Beech Forest Controversy. J. J. MACGREGOR 170

I. A. S. GIBSON. Diseases of Forest Trees Widely planted in the Tropics and Southern Hemisphere 172

H. C. DAWKINS. Statforms: 'Pro-formas' for the Guidance of Statistical Calculations 172

COMMONWEALTH FORESTRY INSTITUTE, OXFORD. 100 theses on microfilm 172